

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App'n. No: 10/074,937  
Applicant: Yiping Zhao et al.  
Filed: February 12, 2002  
Title: ULTRAFast ALL-OPTICAL SWITCH USING CARBON NANOTUBE POLYMER COMPOSITES  
TC/A.U.: 2874  
Examiner: Sung H. Pak  
Confirmation No.: 6992  
Docket No.: RPI-112US

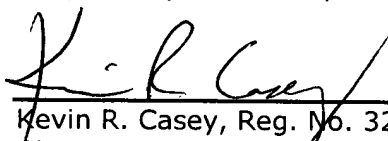
**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

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P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.104(e), the applicant respectfully disagrees with the Examiner's Statement of Reasons for Allowance, to the extent that the Statement might be construed in any way to limit the scope of the allowed claims. Specifically, most, if not all, patentable inventions involve combinations of elements.

Respectfully submitted,



Kevin R. Casey, Reg. No. 32,117  
Christian M. Bauer, Reg. No. 51,443  
Attorneys for Applicants

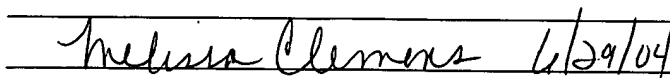
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Dated: June 29, 2004

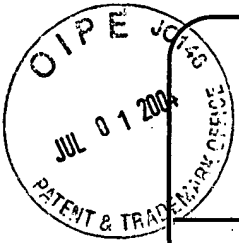
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 5

Application Number	10/074,937
Filing Date	February 12, 2002
First Named Inventor	Yiping Zhao et al.
Art Unit	2874
Examiner Name	Sung H. Pak
Attorney Docket No.	RPI-112US

## ENCLOSURES (Check all that apply)

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under<br>37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) ____ | <input type="checkbox"/> After Allowance Communication<br>to Group<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply<br>Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below): PTOL-85 Issue<br>Fee Transmittal; Comments on<br>Statement of Reasons for<br>Allowance and Return Post Card |
|--|---|--|

Remarks:

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Kevin R. Casey	Registration No. (Attorney/Agent)	32,117
Signature			
Date	June 29, 2004		

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